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Attorney's Docket No. 032796-019

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of )  
John P. CARULLI et al. ) Group Art Unit: 1635  
Application No.: 09/578,900 ) Examiner: Jon Eric Angell  
Filed: May 26, 2000 ) Confirmation No: 8399  
For: HIGH BONE MASS GENE OF )  
11q13.3 )

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RESPONSE TO SECOND RESTRICTION REQUIREMENT  
AND AMENDMENT

Assistant Commissioner for Patents  
Washington, D.C. 20231

Sir:

In complete response to the Official Action mailed June 12, 2002 (Paper No. 14),  
please amend the above-captioned application as follows:

IN THE CLAIMS

Please substitute Claim 6 as follows:

- SUB  
D10
6. A method for identification of a candidate molecule involved in lipid regulation comprising:
- (A) identifying a molecule that binds to, or that inhibits binding of a molecule to, the nucleic acid sequence of SEQ ID NO: 1 or a Zmax1 nucleic acid comprising a polymorphism of Table 4, except for the C/A base change at location 21119 (308G);
  - (B) identifying a molecule that binds to, or that inhibits binding of a molecule to, the nucleic acid sequence of SEQ ID NO: 2; and
  - (C) comparing the extent of binding, or the extent of inhibition of binding, of the molecule to each nucleic acid sequence, wherein the molecule that binds, or inhibits